

## PRELIMINARY EXAMPLE DATA—FOR ILLUSTRATIVE PURPOSES ONLY

*Note: this handout presents a “straw” assessment of potential effects of constructing new around Delta canal facility and habitat restoration within the Planning Area. This assessment assumes that all lands within BDCP Restoration Opportunity Areas are restored. It is anticipated, however, that the actual footprint of habitat restoration will be substantially less than assumed in this straw assessment.*

**Table 1. SAIC “Straw” Assessment of Potential Effects of a Preliminary North Delta Diversion Facilities Location and Canal Alignment on Habitats of Selected Terrestrial Covered Species based on Draft BDCP Habitat Models**

Species	Habitat Type	Existing within Planning Area (ac)	Within Route Footprint (acres, except as noted)	Within Habitat Restoration Footprint	Total in Footprints	Percent in Footprints
Greater Sandhill Crane	Winter Roosting and Foraging	102,920	1,310	5,930	7,240	7.0
Western Burrowing Owl	Nesting and Foraging: Low Value	330,390	3,670	41,850	45,520	13.8
	Nesting and Foraging: Moderate Value	50,960	30	10,560	10,590	20.8
	Nesting and Foraging: High Value	63,700	380	6,000	6,380	10.0
<i>Subtotal</i>		445,050	4,080	58,410	62,490	14.0
Giant garter snake	Breeding Movement habitat: Rice	4,430	40	0	40	0.9
	Breeding Movement habitat: Riparian and Wetland	14,680	60	1,980	2,040	13.9
	Breeding Movement habitat: Adjoining Irrigated Cropland	18,330	490	4,640	5,130	28.0
	Breeding Movement habitat:	1,520	30	320	350	22.0

Species	Habitat Type	Existing within Planning Area (ac)	Within Route Footprint (acres, except as noted)	Within Habitat Restoration Footprint	Total in Footprints	Percent in Footprints
	Connected Waterways (miles)					
<i>Subtotal</i>		38,950	620	6,940	7,560	19.4
Vernal Pool Fairy Shimp	Habitat	8,350	<10	120	<130	1.6
Delta button-celery	Habitat	3,340	<10	1,450	1,460	43.7
Mason's lilaeopsis	Habitat	7,160	50	350	400	5.6
San Joaquin spearscale	Habitat	7,270	<10	120	<130	1.8

**Table 2. SAIC “Straw” Assessment of Potential Effects of Preliminary North Delta Diversion Facilities Location and Canal Alignment on Natural Communities**

Natural Community	Total Acreage	Within Route Footprint (ac)	Within Habitat Restoration Footprint	Total in Footprints	Percent in Footprints
Agriculture	487,650	5,090	64,520	69,610	14.3
Grassland	64,850	380	5,600	5,980	9.2
Managed Seasonal Wetland	16,750	<10	2,100	<2,100	12.5
Natural Seasonal Wetland	6,100	<10	215	<225	3.4
Nontidal Perennial Aquatic	4,900	60	130	190	3.9
Tidal Fresh Emergent Wetland	10,000	20	100	120	1.2
Tidal Perennial Aquatic	61,850	120	465	585	0.9
Valley Riparian	16,250	90	2,395	2,485	15.2
Inland Dune Scrub	20	0	0	0	0.0
Nontidal Fresh Permanent Emergent	400	0	50	50	12.5

<b>Bay Delta Conservation Plan</b> <b>Biological Goals and Objectives Working Group</b> <b>Meeting Handout</b> <b>March 17, 2009</b>	<b>Handout#5</b>
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<b>Natural Community</b>	<b>Total Acreage</b>	<b>Within Route Footprint (ac)</b>	<b>Within Habitat Restoration Footprint</b>	<b>Total in Footprints</b>	<b>Percent in Footprints</b>
<b>Total</b>	<b>668,750</b>	<b>5,780</b>	<b>75,575</b>	<b>81,345</b>	<b>12.2</b>

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